



**Integrity™** is a suite of interfaces between the **ViewPoint EyeTracker**® and 3rd party applications, which is provided by **Arrington Research, Inc.** to ensure a professional quality, uniform, complete, and thorough interface to the favorite products of eye tracker users. These provide access to data, complete eye tracker control, and data integration and synchronization, all in real-time. *Integrity* is included free with *ViewPoint*.

<b>3rd Party Product</b>	<b>ViewPoint (2.8.3) RemoteLink (OLD) SerialPort Link</b>	<b>ViewPoint (2.8.4) beta ViewPointClient (NEW) Ethernet Link</b>
<b>ViewPoint Toolbox for MATLAB</b> Mathworks, Psychological Toolbox	<b>YES</b> Toolbox 2.8.3	<b>YES + Calibration</b> Toolbox 2.8.3.28
<b>Presentation</b> Neurobehavioral Systems	<b>YES (1)</b> VP-P COM 2.8.3	<b>YES + Calibration</b> VP-P COM 2.8.3.28
<b>E-Prime</b> Psychological Software Tools	(2)	<b>YES (calibration planned)</b> VPX_InterApp 2.8.3.33
<b>SuperLab</b> Cedrus	(3)	<i>Planned</i>
<b>LabView</b> National Instruments	(4)	Extensions are underevaluation
<b>Python Package for VisionEgg</b> Python, OpenGL, Andrew Straw	<i>NO</i>	<i>In Progress</i> in development

### Sample Code for SDK / API

<b>ANSI C</b>	VPX_SimpleC_Demo, simple sleep function
<b>Win32 (C)</b>	VPX_Win32_Demo, event handling
<b>MFC (C,C++)</b>	VPX_MFC_Demo, event handling
<b>BASIC</b>	VPX_Basic_Demo, simple timer function

The sample code shows how to: Open/close the *ViewPoint* application, Open/Close/Pause/Resume data files, insert real-time dataMarkers and real-time stringData, access all data in real-time, complete eye tracker control, merge data in real-time from various sources.

- (1) Presentation 2.8.3.0 interface includes:  
Send Command strings, Data-Synchronization. Real-time Position, Pupil, Fixation, Saccade, and AOI data.
- (2) E-Prime can send Send Command strings and Data-Synchronization markers to ViewPoint via SerialPort.
- (3) SuperLab-3 provides ViewPoint EyeTracker SerialPort interface to: Send Command strings, Data-Synchronization. SuperLab-4 is being developed to provide ViewPointClient Ethernet interfaces that are substantially expanded.
- (4) LabView can load the ViewPoint DLL based SDK library, sample code provided.